



National Weather Service

Storm Data and Unusual Weather Phenomena



May 1998

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured		Estimated Damage Property Crops		Character of Storm
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WISCONSIN, Southeast

Rock County Newark	12	1740CST			0	0	2K		Thunderstorm Wind
Rock County Footville	12	1755CST			0	0	2K		Thunderstorm Wind
Sauk County 2 S Hillpt to 3 NE Loganville	12	1930CST			0	0	17K	30K	Hail (1.75)
Green Lake County 1 S Manchester	12	1950CST 1951CST			0	0			Hail (0.88)
Rock County Beloit	12	2010CST			0	0	10K		Lightning
Kenosha County Kenosha	12	2130CST 2259CST			0	0			Urban/Sml Stream Fld
Waukesha County Sussex	12	2330CST			0	0	2K		Lightning
Ozaukee County Port Washington	13	0005CST			0	0	15K		Lightning

Classic summer thunderstorms became severe as they rumbled across southern Wisconsin during the evening hours to just past midnight. Thunderstorm winds downed trees in Rock county near Newark and Footville with lightning igniting a home fire in Beloit. In Sauk county severe hail mulched hay fields and damaged a home near Loganville. Large hail was also reported near Manchester in Green Lake county. Lightning struck an apartment building in Sussex (Washington Co.) and started a damaging fire. Lightning hit a steeple in Port Washington (Ozaukee Co.) and caused damage to the roof and electrical hardware inside the building. Heavy rain produced urban flooding in Kenosha (Kenosha Co.) where 1.5 inches of rainfall resulted in 1 foot standing water. Also, 1.19 inches of rain was measured in Janesville (Rock Co.). Finally, electrical services were disrupted to 16,000 customers in Rock, Kenosha, Jefferson and Racine counties due to downed power lines and lightning damage.

Lafayette County 1 SW Benton to 5 NNW Calamine	15	1845CST 1915CST	20	150	0	11	1.7M	140K	Tornado (F2)
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A supercell thunderstorm, after dropping a couple tornadoes in northeast Iowa, eventually moved northeast into Lafayette county, creating another tornado. This tornado touched down just southwest of Benton and hopped/skipped northeast for 20 miles. It caused moderate to severe damage to 40 different farms and their outbuildings, and homes. Numerous power lines were downed. Eleven people were injured: 2 children near Cuba city, 3 children southwest of Truman, and 6 adults in a vehicle on Highway 81 south of Benton. Several farm fields sustained damage.

Iowa County Mineral Pt to 3.5 ENE Mineral Pt	15	1915CST			0	0	6K		Thunderstorm Wind
Sauk County 3 SW Reedsburg	15	1927CST			0	0	0.50K		Thunderstorm Wind (G56)
Lafayette County 2 E Darlington	15	2005CST			0	0			Hail (0.75)
Rock County 1 N Janesville	15	2005CST			0	0	0.50K		Thunderstorm Wind
Columbia County 2 W Portage to 5 SE Wisconsin Dells	15	2009CST			0	0	7K		Thunderstorm Wind



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<u>WISCONSIN, Southeast</u>									
Columbia County 3 W Columbus	15	2025CST			0	0	3K		Thunderstorm Wind
Dane County Mt Horeb	15	2030CST			0	0			Hail (0.75)
Green County New Glarus	15	2030CST			0	0	3K		Thunderstorm Wind
Rock County Beloit	15	2030CST			0	0	5K		Thunderstorm Wind
Green County Brodhead	15	2045CST			0	0	1K		Thunderstorm Wind
Green Lake County Green Lake	15	2058CST			0	0	2K		Thunderstorm Wind
Jefferson County Lake Mills	15	2100CST			0	0	0.50K		Thunderstorm Wind (G52)
Fond Du Lac County Ripon	15	2106CST			0	0	20K		Thunderstorm Wind
Dodge County Mayville	15	2115CST			0	0	30K		Thunderstorm Wind
Walworth County Walworth to Williams Bay	15	2117CST 2127CST			0	0	12K		Thunderstorm Wind
Waukesha County 1 W Eagle	15	2130CST			0	0	1K		Thunderstorm Wind
Dodge County Juneau	15	2133CST			0	0	1K		Thunderstorm Wind
Walworth County Elkhorn	15	2140CST			0	0	4K		Thunderstorm Wind
Walworth County 1.5 W Sharon	15	2140CST			0	0	1K		Thunderstorm Wind
Walworth County La Grange	15	2145CST			0	0	1K		Thunderstorm Wind
Walworth County 4 SE Lake Geneva	15	2145CST			0	0	1K		Thunderstorm Wind
Waukesha County Muskego	15	2145CST			0	0	1K		Thunderstorm Wind
After the F2 tornado tore through Lafayette county a series of severe thunderstorms pummeled southcentral and southeast Wisconsin with numerous reports of tree limb damage and trees downed, which in turn downed a few power lines. The highest reported wind gust was 65 mph near Reedsburg (Sauk Co.). Other notable damage included roofs and doors ripped off of buildings in Mayville (Dodge Co.) and a deck ripped off a house in Ripon (Fond du Lac Co.) where several cars were also damaged by felled trees.									
Dane County 4 NE Sun Prairie	19	0200CST			0	0			Hail (0.88)
Lafayette County Woodford	19	0230CST			0	0			Hail (1.75)
Jefferson County Watertown Arpt	28	0630CST 0730CST			0	0			Urban/Sml Stream Fld



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					Killed	Injured	Property	Crops	
<u>WISCONSIN, Southeast</u>									
Lafayette County									
Benton to Leadmine	28	1754CST 1800CST			0	0	12K		Hail (0.75)
Sauk County									
3 S Reedsburg	28	1855CST			0	0			Thunderstorm Wind (G52)
Sauk County									
La Valle	28	1859CST			0	0			Thunderstorm Wind (G60)
Lafayette County									
2 S Seymour Corners to 2 N Darlington	28	1900CST 1915CST			0	0	3K		Thunderstorm Wind
Lafayette County									
4 SW Benton	28	1901CST			0	0			Funnel Cloud
Marquette County									
Briggsville	28	1930CST			0	0	1K		Thunderstorm Wind
Columbia County									
Portage	28	1940CST			0	0	2K		Thunderstorm Wind
Lafayette County									
South Wayne	28	1942CST			0	0	8K		Thunderstorm Wind
Dane County									
Madison	28	2000CST			0	0	1.5K		Thunderstorm Wind
Green County									
2 S Monroe	28	2000CST			0	0	1.6K		Thunderstorm Wind
Green County									
2 NW New Glarus	28	2000CST			0	0	1K		Thunderstorm Wind
Columbia County									
Cambria	28	2005CST			0	0			Hail (1.75)
Marquette County									
Westfield	28	2005CST			0	0	1K		Thunderstorm Wind
Dodge County									
Randolph	28	2012CST			0	0	2K		Thunderstorm Wind (G52)
Rock County									
Janesville	28	2030CST			0	0	7K		Thunderstorm Wind
Rock County									
3 SW Orfordville	28	2030CST			0	0	40K		Lightning
Dodge County									
Waupun	28	2032CST			0	0			Thunderstorm Wind (G56)
Jefferson County									
Jefferson to 1 S Hebron	28	2035CST			0	0	70K		Thunderstorm Wind
Fond Du Lac County									
Fond Du Lac	28	2044CST			0	0	3K		Thunderstorm Wind
Jefferson County									
3.8 SE Sullivan	28	2045CST			0	0			Thunderstorm Wind (G55)
Waukesha County									
3 SW Dousman	28	2052CST			0	0	8K		Thunderstorm Wind
Walworth County									
Elkhorn	28	2100CST			0	0	2K		Thunderstorm Wind (G68)



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WISCONSIN, Southeast

Walworth County							
Lake Geneva to Genoa City	28	2100CST 2115CST			0 0	3K	Thunderstorm Wind
Waukesha County							
Waukesha	28	2104CST			0 0	15K	Thunderstorm Wind (G61)
Waukesha County							
3 NE Delafield to Pewaukee	28	2115CST 2200CST			0 0	20K	Lightning
Milwaukee County							
West Allis to Hales Corners	28	2124CST 2130CST			0 0	4K	Thunderstorm Wind (G61)
Kenosha County							
Twin Lakes to Silver Lake	28	2125CST 2135CST			0 0	10K	Thunderstorm Wind
Sheboygan County							
Elkhart Lake	28	2125CST			0 0	7K	Thunderstorm Wind
Racine County							
Caledonia to Racine	28	2130CST 2140CST			0 0	100K	Thunderstorm Wind
Racine County							
Waterford to 5 SE Waterford	28	2130CST 2230CST			0 0		Urban/Sml Stream Fld
Milwaukee County							
Brown Deer	28	2145CST			0 0	0.80K	Thunderstorm Wind
Walworth County							
2 SW Whitewater	28	2155CST			0 0	4K	Thunderstorm Wind

Powerful thunderstorms packing damaging winds and heavy downpours resulted in numerous trees and power lines down across southcentral and southeast Wisconsin. The felled trees and power lines in Columbia county resulted in 1300 customers losing electrical power in that county. Some significant damage included roofs on two homes in Jefferson (Jefferson Co.) and damage to farm buildings near Hebron (Jefferson Co.). In one of these farm buildings, a stereo was "sucked" out and thrown 300 feet down the road. Lightning took a toll in Delafield to Pewaukee (Waukesha Co.) area where 4 homes were hit and 3000 electric customers were out of power. Near Dousman (Waukesha Co.), a toppled tree fell on and damaged a car. A gust of 70 mph was noted at the City of Waukesha Airport. In the city of Waukesha, a downed tree totaled a parked car. A tree fell on a home in rural Benton and in South Wayne, both in Lafayette county. Lightning struck a barn near Orfordville (Rock Co.) and the resultant fire damaged machinery and some hay. A boat on Lake Geneva (Big Foot Beach, Walworth Co.) was damaged when the winds lifted it out of its cradle. In Racine county a pole barn and 2 boats were damaged near Caledonia. Also in Racine county, 2 1/2 feet of standing water was reported on Highway 20.

Sauk County							
Countywide	31	0030CST 0100CST			0 4	914K 186K	Thunderstorm Wind
Marquette County							
Countywide	31	0040CST 0100CST			0 0	100K 50K	Thunderstorm Wind (G59)
Columbia County							
Countywide	31	0045CST 0125CST			0 1	3.6M 200K	Thunderstorm Wind
Green Lake County							
Countywide	31	0045CST 0120CST			0 0	5K	Thunderstorm Wind



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					Killed	Injured	Property	Crops	
<u>WISCONSIN, Southeast</u>									
Iowa County Countywide	31	0045CST 0115CST			0	0	200K	50K	Thunderstorm Wind
Dane County Countywide	31	0100CST 0145CST			0	2	3.1M	150K	Thunderstorm Wind (G87)
Lafayette County Countywide	31	0100CST 0140CST			0	0	875K	100K	Thunderstorm Wind
Dodge County Countywide	31	0115CST 0145CST			0	8	3.7M	24K	Thunderstorm Wind (G111)
Fond Du Lac County Countywide	31	0115CST 0200CST			0	1	2M	75K	Thunderstorm Wind (G72)
Green County Countywide	31	0115CST 0200CST			0	0	20K		Thunderstorm Wind
Jefferson County Countywide	31	0123CST 0200CST			0	8	2.7M	200K	Thunderstorm Wind
Rock County Countywide	31	0130CST 0210CST			0	0	20K		Thunderstorm Wind
Sheboygan County Countywide	31	0130CST 0215CST			0	0	642K	150K	Thunderstorm Wind
Washington County Countywide	31	0145CST 0220CST			1	2	8.6M	100K	Thunderstorm Wind (G91)
	F48PH								
Waukesha County Countywide	31	0145CST 0230CST			0	0	6.7M	50K	Thunderstorm Wind (G70)
Ozaukee County Countywide	31	0150CST 0215CST			0	4	3.5M	300K	Thunderstorm Wind
Milwaukee County Countywide	31	0200CST 0240CST			0	0	19.2M		Thunderstorm Wind (G87)
Waukesha County Delafield	31	0200CST			0	0	4K		Lightning
Waukesha County 3 SE Delafield	31	0210CST			0	0	10K		Lightning
Waukesha County 2 SE Pewaukee	31	0215CST			0	0	3K		Lightning
Walworth County East Troy	31	0220CST			0	0	5K		Thunderstorm Wind
Walworth County Walworth	31	0225CST			0	0	5K		Thunderstorm Wind
Racine County 3 NE Caledonia	31	0230CST			0	0	1K		Thunderstorm Wind
Kenosha County Kenosha	31	0300CST			0	0	2K		Thunderstorm Wind



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May 1998

										May 1991
Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm	
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops		

WISCONSIN, Southeast

During the early morning hours of Sunday, May 31st, southcentral and southeast Wisconsin experienced an unprecedented, widespread downburst wind event known as a "derecho." Incredibly powerful, hurricane-force straight-line winds, with peak gusts of 100 to 128 mph tore through 12 counties in this part of the state, while another 8 counties had peak gusts of 60 to 80 mph. Residents noted that the strongest winds only lasted a minute or two, but gusty winds hung on for 15 to 30 minutes.

Meteorologically, a solid squall line developed in southern Minnesota and gathered strength as it raced east with a translational speed of 50 to 60 mph across southcentral and southeast Wisconsin. The squall line was orientated southwest to northeast and had many microbursts and macrobursts embedded in it. Whereas all 20 counties in southcentral and southeast Wisconsin reported scattered to widespread wind damage, there were 5 main corridor, or swaths of concentrated micro/macroburst damage: 1) central Sauk county through northern Dane county through northern Jefferson county and southern Dodge county through Waukesha county and into Milwaukee county, 2) eastcentral Columbia county across northern Dodge county through southeast Fond du Lac county and through southern Sheboygan county, 3) West Bend area of central Washington county east to the Port Washington area of Ozaukee county, 4) southeast Iowa county into northwest Green county, and 5) northwest to central part of Lafayette county.

Newspaper headlines used a variety of words to describe this event: war zone, devastating, unbelievable, wicked wind, blown to bits, amazing, "Nature's Spring Cleaning," and "traveling back to the dark ages"

Utility companies and Emergency Managers stated that this was the most damaging, widespread, straight-line thunderstorm wind event to affect southern Wisconsin in the past 100 years! Estimated, monetary damage amounts for all 20 counties were \$55.852 million for residential or mobile homes, businesses, utilities buildings, agriculture buildings, signs, street lights, billboards, campers, and boats; and \$1.485 million in crop and livestock losses. As a sign of the wind power, many concrete silos had their tops blown off, and many barns flattened. Many homes and other structures had their roofs peeled off. Thousands of large trees were either uprooted or broken/twisted by the winds. Hundreds of power poles were snapped or pushed over by the winds, or falling trees/branches. At one time, about 60,000 customers were without electricity in southcentral Wisconsin, and about 170,000 in southeast Wisconsin. Some residences or businesses were without power for as much as 5 or 6 days due to deluge of utility repairs and shortage of replacement power poles. Hundreds of motor vehicles were either damaged or totaled by falling trees/branches, or collapsed garages. The monetary damages to motor vehicles is not included in the totals given above. In addition, numerous vehicle accidents resulted from inoperative stop/go street lights as roads quickly became log jams.

1. Sauk County: peak winds estimated at 100 to 120 mph. Mirror Lake Park was hard hit with lots of trees downed. North of Spring Green, a 3-year old child was killed at about 1040 am CDT on May 31st when a large tree rolled on him during a clean-up by workers. This was an indirectly-related death and is not counted officially. A total of 21 residences had minor damage, 3 major, and one was destroyed. Five businesses had minor damage, and 2 had major damage. Twenty-six farm buildings sustained minor damage, 15 major, and 11 were destroyed.
2. Marquette County: mostly tree and power line damage scattered across all parts of county. This county got off relatively easy. Measured peak wind gust of 68 mph in Briggsville. Gusts over remainder of county estimated in 60 to 70 range.
3. Columbia County: peak wind gusts estimated at 90 to 115 mph. Hardest hit areas were Lodi, Wisconsin Dells, Cambria, and Fall River to Columbus. A total of 172 residences had minor damage, and one had major damage. One business suffered minor damage, and 4 had major damage. Thirty farm buildings had minor damage, 20 major damage, and 14 were destroyed. Near Columbus, a teenager was seriously injured and hospitalised when she left a camping trailer to warn others of the strong winds.
4. Green Lake County: estimated peak winds of 60 to 65 mph along eastern border where there was some trees toppled. Otherwise scattered reports of large tree limbs knocked down across county.
5. Iowa County: estimated peak wind gusts of 100 to 115 mph in southeast corner where most serious damage occurred in a swath leading into northwestern Green county. About 20 residences or farm buildings sustained varying amounts of damage. One resident in the southeast corner stated that she had difficulty breathing and the wind sounded the like the 1984 F5 Barneveld tornado she survived.
6. Dane County: measured gust of 100 mph in Marshall, but peak gusts estimated at 110-120 mph based on damage. Hardest hit areas were Waunakee-DeForest, Sun Prairie, and Marshall. Cars were blown sideways off I-94 north of Madison. Two people injured in Marshall by flying debris as roof was torn off their home. A total of 300 residences had minor damage, 18 major, and 1 was destroyed. One business had minor damage, and 7 had major damage. Twenty farm buildings sustained minor damage, 12 major, and 15 were destroyed.
7. Lafayette County: estimated peak wind gusts of 100 mph in a swath from near Belmont to southeast of Darlington where worst damage occurred. Ten city blocks in Darlington were closed due to debris. A total of 10 residences had minor damage, 5 major, and 1 was destroyed. Two businesses sustained major damage. Fifteen farm buildings had minor damage, 5 major, and 15 were destroyed. The death of a 25 year-old man was indirectly related to the storm. He was riding an ATV vehicle on a trail around 8am CDT on June 1st in the Graitiot area when he rode into a tree that was felled earlier by the storm.



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WISCONSIN, Southeast

8. Dodge County: was one of the hardest hit counties. Peak gust of 128 mph measured 1.5 miles northwest of Lebanon. Other gusts of 103 to 107 mph across northern part of county. Central part of county was in between the two major damage swaths in the county. Eight people were injured: 2 in home north of Beaver Dam, 2 in camper near Hartford, and 4 in a vehicle accident on Highway 41 when the winds blew over a semi-tractor truck. Near Clyman, hay wagons were blown onto the 2nd floor of damaged barns. A total of 168 residences had minor damage, and 25 had major damage. Two hundred and twenty-four farm buildings had minor damage, 111 major, and 26 were destroyed. Dozens of businesses also had varying amounts of damage.

9. Fond du Lac County: a peak gust of 83 mph was noted in Ripon, but based on damage, estimated peak gusts were in the 115-125 mph range in the southeast part of the county. Worst hit areas were Ashford to Campbellsport to Dundee and Fairwater to Brandon. A total of 188 residences had minor damage, and 20 major damage. Two businesses had major damage. Twenty farm buildings had minor damage, 10 major, and 35 were destroyed. Whiteout conditions at the height of the storm forced spotters off the road.

10. Green County: a microburst damage swath 1/2 to 1 mile wide, that started in southeast Iowa county, continued into northwestern Green county over to the New Glarus area. In the New Glarus Woods State Park, rental tents were shredded and dozens of trees toppled. Peak wind gusts were estimated in the 70 to 80 mph range. Elsewhere, on a farm near Albany, tents and tables were damaged by the winds, and 3 chopper wagons were damaged and rotated.

11. Jefferson County: area along and north of I-94 was hard hit. Estimated peak wind gusts in 110-120 mph range. Area from Lake Mills and Milford over to Johnson Creek had worst damage where several silos and other farm buildings were seriously damaged. Near Waterloo, airport hangers and a HAM radio tower were damaged. Eight people were injured by flying debris. Measured wind gust of 64 mph at Watertown airport and 61 mph at the NWS Forecast office southeast of Sullivan. A total of 2 residences had minor damage, 6 major, and 1 was destroyed. Two businesses had minor damage, and 2 had major damage. Two farm buildings had minor damage, 8 major, and 10 were destroyed.

12. Rock County: this county reported scattered areas countywide with downed trees and/or power lines. Peak gusts were estimated in the 60 to 70 mph range, especially across the northern part of the county around Edgerton.

13. Sheboygan County: estimated peak wind gusts of 110-120 mph across southern part of county, especially in the Beachwood to Adell/Waldo to Oostburg area. Northeast part of county also had many downed trees. In this county eleven residences had minor damage, and one had major damage. One Business had minor damage. Fifteen farm buildings had minor damage, and 7 had either major damage or were destroyed.

14. Washington County: all parts of county had damage, but concentrated swaths extended from the West Bend area east to Newburg, and another one across the southern tier of townships and cities. Based on damage, estimated peak wind gusts in 115-125 mph range. Had measured gusts of 105 mph in southwest corner in Town of Erin. A 48 year-old women was crushed to death by a fallen tree while sleeping in her home in the Town of Erin at 250 am CDT. At the West Bend Airport, 6 hangers and 6 planes were destroyed and several others damaged, for a total of \$ 2 million. In the county, a total of 1636 residences had minor damage, 39 major, and 2 were destroyed. Fifty businesses had minor damage, 14 major, and 12 (all in Richfield) destroyed. Thirteen farm buildings had minor damage, 17 major, and 3 were destroyed.

15. Waukesha County: most parts of county had at least some tree or power line damage, but three areas were hit hard... the City of Waukesha through New Berlin, Stone Bank to Pewaukee, and Township of Lisbon through Minomonee Falls. A peak wind gust of 80 mph was measured at the Waukesha Airport, but peak gusts in the worst swaths of damage were estimated to reach 100 to 110 mph. Several boats and piers were damaged on some of the county's lakes. A total of 225 residences sustained minor damage and 10 had major damage. Seventeen businesses had minor damage, 18 major, and 3 were destroyed. Two agricultural buildings had minor damage, 18 major, and 3 were destroyed. In downtown Waukesha, a well-known church had it's steeple damaged by the powerful winds.

Lightning struck a home in Delafield (Waukesha Co.) after hitting a nearby gazebo and tree. A small fire resulted. Southeast of Delafield, another lightning bolt struck 2 homes and triggered small attic fires. Southeast of Pewaukee (Waukesha Co.), lightning struck a home and damaged a couple walls and a celing. But there was no fire.

16. Ozaukee County: all parts of the county suffered some kind of tree or structural damage, but there were 3 swaths with concentrated damage... Saukville through Port Washington, Little Kohler to Belgium, and Cedarburg to Grafton. Peak measured wind gusts were 90 mph in Port Washington, but based on damage, peak gust were estimated to be in the 100 to 110 mph range in isolated spots. The diver of a semi-trailer truck was seriously injured when he was thrown out of the cab's popped-out windshield as the truck overturned in the powerful winds. This accident occurred on I-94 between Saukville and Port Washington. For the county, a total of 600 residences had minor damage, 2 major, and 1 was destroyed. One hundred and thirty-four businesses reported minor damage, and 9 major damage. Fifty-five farm buildings had minor damage, 5 had major damage. In addition, several sail boats at Lake Michigan marinas were damaged, and a dozen milking cows were killed.



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WISCONSIN, Southeast

17. Milwaukee County: this county had the greatest monetary value of storm damage in all of southcentral and southeast Wisconsin. All county cities had some tree or structural damage, but the hardest hit areas were Brown Deer to River Hills, Wauwatosa, and a swath through Greenfield and Greendale to South Milwaukee. Peak gusts of 103 mph was measured in Greenfield, 100 mph at the WITI TV-6 station in Brown Deer, 71 mph at the WTMJ TV-12 station on Capitol Drive, and 61 mph at Mitchell International Field. Based on damage, peak gusts were estimated at 110 -115 mph in isolated spots. At Mitchell International Field, overhead doors on some of the hangers were blown in, and a heating unit was blown off the roof of an airport Fire Department building. About 300 power poles were downed in the county, with power outages lasting 5 to 6 days in some locations. More than 2000 people were evacuated from their homes in South Milwaukee after a fallen tree branch punctured a 1-inch hole in a large propane tank. In Cudahy, stripped roof shingles were found to be embedded edge-first in nearby garage siding.

18. Walworth County: this county escaped the worst of the derecho winds. A peak gust of 61 mph (53 knots) was measured on the UW-Whitewater campus. Elsewhere, large trees were toppled in and north of East Troy and the village of Walworth. Peak wind gusts in these locations were estimated to be 70 mph.

19. Racine County: this county escaped the worst of the derecho winds. Large tree branches were knocked out of trees across the northern part of the county where peak wind gusts were estimated to be about 60 mph.

20. Kenosha County: this county escaped the worst of the derecho winds. Large trees were downed on the north side of the city of Kenosha where peak wind gusts were estimated to be about 65 mph.